# BRUHATH BENGALURU MAHANAGARA PALIKE

## Yelahanka Division, Yelahanka Zone

Executive Engineeer
Yelahanka Division
B.B.M.P. Bengaluru - 64

No:EE/YNK-D/E-PMT/05/2020-21 Dated: 03-09-2020

## APPROVED TENDER SCHEDULE –'B'

Item 8

Name of Work :-Improvements to Asphalting to roads and drains at Best county , Ambabhvaninagara , Ambabhavani layout , Prakruthi layout and surrounding areas in Attur ward no:03 of Yelahanka division (Package-06)

| Sl | Description | Unit | Approved Qty | Rate quoted by the contractor approved rates Sri N K SHANKAR ( I S INFRASTRUCTURES ) | |
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| | | | | Rate | Rate in Words |
| 1 | Earthwork excavation by manual means in ordinary soil invoiving in average horizontal throw up to 2m & an average lift upto 1.5m , excavated surface leveled & sides neatly dressed , the disposed earth to be levelled neatly after breaking of clods complete with all lead and lift as per the direction of engineer-in-charge | Cum | 4772.49 | 230.49 | Two Hundred Thirty Paise FourtyNine Only |
| 2 | Providing and Filling in foundation with granite / trap broken metal 100mm. and down size & with approved sand including hand packing, ramming, watering, including cost of all materials and labour complete with all lead and lift as per the direction of engineer-in-charge | Cum | 11.95 | 2698.33 | Two Thousand Six Hundred NinetyEight Paise ThirtyThree Only |
| 3 | Providing Nominal 40mm size stone aggrigates complete with all lead and lift as per the direction of engineer-in-charge | Cum | 11.95 | 1143.82 | One Thousand One Hundred FourtyThree Paise EightyTwo Only |
| 4 | Providing Nominal 20mm size stone aggrigates complete with all lead and lift as per the direction of engineer-in-charge | Cum | 11.95 | 1143.82 | One Thousand One Hundred FourtyThree Paise EightyTwo Only |
| 5 | Providing And fixing ms grill work for windows and ventilators using ms flats or ms square rods or combination of ms flats and square rods as per approved design drawing including cutting steel sections and welding the same to required pattern with a coat of red lead primer cost of materials fixtures, labours, complete with all lead and lift as per the direction of engineer-in-charge | Kgs | 1065.96 | 105.53 | One Hundred Five Paise FiftyThree Only |

For I S INFRASTRUCTURES

Proprietor

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| | Plain cement concrete 1:3:6 mix with crushed stone aggregate 40 m nominal size mechanically mixed, placed in foundation and compacted by vibration including curing complete with all lead and lift as per the direction of engineer-in-charge | Cum | 702.34 | 4694.58 | Four Thousand Six Hundred NinetyFour Paise FiftyEight Only |
| 7 | Providing and laying plain/reinforced cement concrete for side drains using M20 nominal mix concrete with OPC at 300 kgs. with 20mm and down size granite metal coarse aggregates at 0.69 cum and fine aggregates at 0.43 cum machine mixed, well compacted for walls and bottom including centering, shuttering, cost of materials, HOM of machinery, curing etc., complete excluding cost of steel as per MORTH specification No. 1500, 1700, 2200. including cost of materials, labour, HOM complete with all lead and lift as per the direction of engineer-in-charge | Cum | 1311.06 | 7409.57 | Seven Thousand Four Hundred Nine Paise FiftySeven Only |
| 8 | Providing T.M.T. steel reinforcement for R.C.C. work including straightening, cutting, bending, hooking, placing in position, lapping and/or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per disign (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM complete with all lead and lift as per the direction of engineer-in-charge | Tonne | 79.54 | 76441.87 | SeventySix Thousand Four Hundred FourtyOne Paise EightySeven Only |
| 9 | Providing & laying precast drain cover slab of 100 mm thickness in CM 1:3 including cost of all materials, labour, curing, transportation, loading, unloading etc, complete with all lead and lift as per the direction of engineer-in-charge | Sqm | 3760.38 | 2449.18 | Two Thousand Four Hundred FourtyNine Paise Eighteen Only |
| 10 | Providing & laying precast drain cover slab of 250 mm thickness in CM 1:3 including cost of all materials, labour, curing, transportation, loading, unloading etc, complete as per the directions of the Engineer In Charge.( 1.2 x 0.60 x 0.25)Data rate | Sqm | 73.92 | 5678.06 | Five Thousand Six Hundred SeventyEight Paise Six Only |

For I S INFRASTRUCTURES
Proprietor

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| | Providing and fixing pre cast solid concrete kerb stones of size 450x150x400 mm made out of CC 1:2:4 and finished with CM 1:3 plastering and finishing cutting ete., complete with all lead and lift as per the direction of engineer-in-charge | No | 8760.22 | 453.24 | Four Hundred FiftyThree Paise TwentyFour Only |
| 12 | Painting two coats after filling the surface with synthetic enamel paint in approved shades on new plastered concrete surfaces, with materials, labour complete with all lead and lift as per the direction of engineer-in-charge | Sqm | 1182.66 | 88.87 | EightyEight Paise EightySeven Only |
| 13 | Excavation for roadwork in all types of soil with hydraulic excavator of 0.9 cum bucket capacity including cutting and loading in tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and transporting to the embankment location to a lead of 1.00 km and complete with all lead and lift as per the direction of engineer-in-charge | Cum | 6490.12 | 68.30 | SixtyEight Paise Thirty Only |
| 14 | Compaction of original ground with maximum of 6 passes of 8 to 10 tonnes power roller including filling in depression occuring during rolling including cost of all labour, complete with all lead and lift as per the direction of engineer-in-charge | Sqm | 12643.93 | 6.67 | Six Paise SixtySeven Only |
| 15 | Construction of granular sub-base Grading-V as sub-base and drainage layer by providing coarse graded crushed stone aggregates of granite/trap/basalt material, mixing in a mechanical mix plant at OMC, carriage of mixed material to work site, spreading in uniform layers with motor grader on prepared surface and compacting with vibratory power roller to achieve the 98% proctor density, complete with all lead and lift as per the direction of engineer-in-charge | Cum | 1896.59 | 2090.68 | Two Thousand Ninety Paise SixtyEight Only |

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| | Providing, laying, spreading and compacting crushed stone aggregates of granite / trap / basalt to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed method of tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete with all lead and lift as per the direction of engineer-in-charge | Cum | 2908.10 | 2097.34 | Two Thousand NinetySeven Paise ThirtyFour Only |
| 17 | Providing and applying primer coat with S.S. bitumen emulsion on prepared surface of granular base such as WMM ,including clearing of road surface and spraying primer at the rate of 0.60 kg / sqm using mechanical means complete as per Specifications. MORTH Specification No. 502 Complete with all lead and lift and as per the direction of the Engineer-in-Charge. | Sqm | 12643.93 | 31.10 | ThirtyOne Paise Ten Only |
| 18 | Providing and laying dense graded bituminous macadam using crushed aggregates of specified grading, premixed with VG30 grade bituminous binder and, transporting the hot mix to work site, laying to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH table 500-10 complete in all respects complete as per specifications. Clause 505 of morth V revision using 40/60 TPH capacity H.M.P. with mechanical paver Gr-II (50mm to 75mm) with 4.5% VG-30 Bitumen.complete with all lead and lift as per the direction of engineer-in-charge | Cum | 632.20 | 6715.27 | Six Thousand Seven Hundred Fifteen Paise TwentySeven Only |
| 19 | Cleaning the existing black topped surface with brooms, soft brushes and finally dusting with old gunny bags and / or compressed air to receive bituminous treatment including cost of all materials, labour, HOM of machineries complete with all lead and lift as per the direction of engineer-in-charge | Sqm | 12643.93 | 5.55 | Five Paise FiftyFive Only |

For J.S INFRASTRUCTURES

Proprietor

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| | 80/100 grade bitumen(VG10) on the prepared black topped surfaces at 2.5 kg per 10 sqm, heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour, HOM of machineries complete with all lead and lift as per the direction of engineer-in-charge | Sqm | 12643.93 | 13.33 | Thirteen Paise ThirtyThree Only |
| 21 | Providing and laying bituminous concrete using crushed aggregates of specified grading, premixed with bituminous binder and filler, transporting the hot mix to work site, laying with a paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction in all respects complete as per specifications. Clause 507 of MORTH V revision. -using40/60 TPH capacity H.M.P. with Mechanical Paver Gr-II (30 mm to 40 mm) with 5.4% VG-30 Bitumen complete with all lead and lift as per the direction of engineer-in-charge | Cum | 379.32 | 7708.40 | Seven Thousand Seven Hundred Eight Paise Fourty Only |
| 22 | Road Marking with Hot Applied Thermoplastic Compound with Reflectrising Glass Beads on Bituminous Surface:- Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads at 250 gms per sqm area, thickness of 2.5 mm is exclusive of surface applied glass beads as per IRC:35. The finished surface to be level, uniform and free from streaks and holes complete with all lead and lift as per the direction of engineer-in-charge | Sqm | 427.66 | 476.57 | Four Hundred SeventySix Paise FiftySeven Only |

For J S INFRASTRUCTURES

Director

Signature of the Contractor

Executive Engineer,
Yelahanka Division,
BBMP, Bengaluru-64.